Crankshaft Inspection

Meets ASE Task: A1 – C-8 – P-2

Name:_____ Date:_____ Time on Task:_____

Make/Model/Year:_____ VIN:_____

Evaluation (Enter number from 4, 3, 2, 1) :_____

☐ 1. Check service information for the crankshaft specifications and inspection procedure.

_____

_____

☐ 2. Inspect crankshaft for straightness. **OK** ____☐ **NOT OK** ____☐

☐ 3. Check crankshaft journals for damage. **OK** ____☐ **NOT OK** ____☐

☐ 4. Check the crankshaft keyway for damage. **OK** ____☐ **NOT OK** ____☐

☐ 5. Check the crankshaft thrust flange and sealing surfaces condition.

OK ____☐ **NOT OK** ____☐

☐ 6. Visually check the crankshaft for cracks. **OK** ____☐ **NOT OK** ____☐

☐ 7. Measure crankshaft journals and determine if worn.

Main bearing journals: _____ _____ _____ _____ _____ _____ _____

Rod bearing journals: _____ _____ _____ _____ _____ _____ _____ _____

☐ 8. Based on the results of the inspection and measurement of the crankshaft, what is the necessary action?

_____

_____